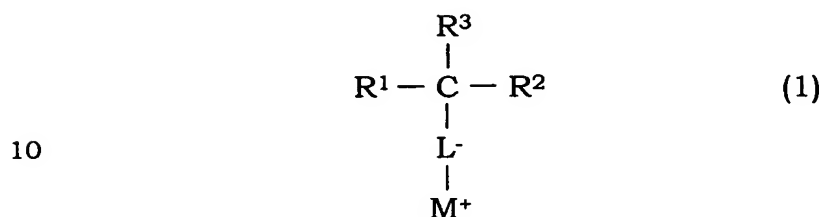


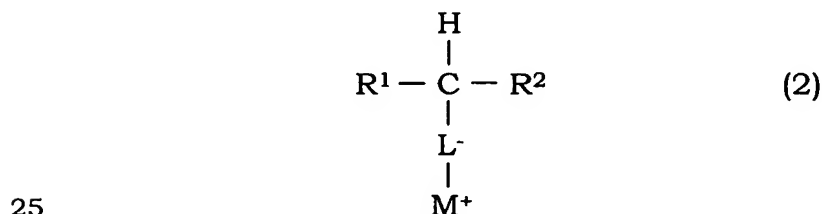
## CLAIMS

1. A process for preparing a fluoropolymer containing at least one kind of fluoroolefin, which comprises carrying out  
5 polymerization in the presence of a surfactant represented by the formula (1):



(wherein  $\text{R}^1$  and  $\text{R}^2$  may be the same or different respectively and represent an alkyl group or an alkenyl group,  $\text{R}^3$  is a hydrogen atom, an  
15 alkyl group or an alkenyl group, the total carbon number of  $\text{R}^1$  to  $\text{R}^3$  is 2 to 25,  $\text{L}^-$  is a group represented by  $-\text{SO}_3^-$ ,  $-\text{OSO}_3^-$ ,  $-\text{PO}_3^-$ ,  $-\text{OPO}_3^-$  or  $-\text{COO}^-$ , and  $\text{M}^+$  is a monovalent cation).

2. The process for preparing a fluoropolymer, wherein the  
20 surfactant is a surfactant represented by the formula (2):



(wherein  $\text{R}^1$  and  $\text{R}^2$  represent an alkyl group or an alkenyl group having

a total carbon number of 2 to 25, and may be the same or different respectively, L<sup>-</sup> is a group represented by -SO<sub>3</sub><sup>-</sup>, -OSO<sub>3</sub><sup>-</sup>, -PO<sub>3</sub><sup>-</sup>, -OPO<sub>3</sub><sup>-</sup> or -COO<sup>-</sup>, and M<sup>+</sup> is a monovalent cation).

5                    3. The process for preparing a fluoropolymer of Claim 1 or 2, wherein the total carbon number is 10 to 20.

                    4. The process for preparing a fluoropolymer of any one of Claims 1 to 3, wherein the polymerization is polymerization for  
10    preparing a seed particle.

                    5. The process for preparing a fluoropolymer of any one of Claims 1 to 4, wherein the fluoroolefin is 1,1-difluoroethylene.